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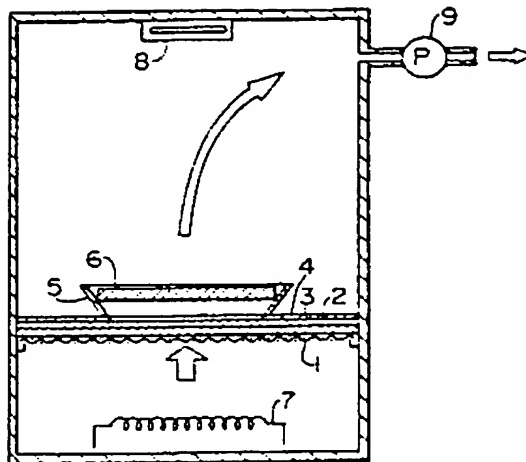
APPLICATION DATE : 30-04-88
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TITLE : METHOD OF DYEING PLASTIC LENS



ABSTRACT : PURPOSE: To improve a level dyeing property and dye reproducibility by heating a base body which is disposed to face a plastic lens without contact therewith in a vacuum atmosphere and on which a sublimatable dye is coated and forming a dyed layer on the surface of the plastic lens by sublimation.

CONSTITUTION: The base body 3 which is disposed to face the plastic lens 6 without contact therewith in the vacuum atmosphere and is coated with the sublimatable dye on the surface is heated so that the dyed layer is formed on the surface of the plastic lens 6 by sublimation. Ink is prepd. by mixing the compd. consisting of a sublimatable disperse dye, binder such as water soluble acrylic resin and solvent such as water and the ink is coated on the base body consisting of paper, plastic sheet, glass sheet or the like to form the dye coated base body 3. White paper 4 is provided to prevent the excess sublimation of the dye from the sublimatable dye coated paper 3 and to dye only the part desired to be dyed of the plastic lens 6 by the blanking shape in the central part. The level dyeing property and reproducibility are thereby improved.

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